

ANALYTICS

Associate in Science

In today's data-driven society, making informed decisions that affect business growth and outcomes is powered by data science. The Analytics program at GBCC is designed for those who want to understand how to work with raw data to process, analyze, and make conclusions using predictive modeling.

We developed our transfer program to align with the Analytics Department at UNH - Manchester. Upon completion our students are in strong positions to complete their Bachelor of Science degree with two years of additional study. Other degrees students may pursue include Math/Computer Science or Statistics.



A degree in Analytics is more than just a transfer degree. Students who complete the degree will be in a position to be employed as a junior data scientist. Job experience and domain expertise will allow the person to gain more ability to advance their career beyond simply junior and entry-level status.

Career Possibilities

Job Title	Average Salary
Economist	\$115,730
Survey Researcher	\$60,960
Statistics Assistant	\$54,080
Teacher—Mathematical Science	\$90,110

The careers listed above may require additional education beyond an Associates Degree. For more information about the outlook and trends, please visit the Bureau of Labor Statistics: www.bls.gov.

TAKE THE NEXT STEP!

Apply today: greatbay.edu/admissions
gbadmissions@ccsnh.edu | (603) 427-7632
 320 Corporate Drive
 Portsmouth, NH 03801

Your Road to Success

65-66 Credits to Complete

ANALYTICS CURRICULUM:

- BUS 110G - Intro to Business
- CIS 148G - Intro to Java Programming
- CIS 177G - Intro to Python
- CIS 210G - Data Structures with Elementary Algorithms
- DATA 210G - Elements of Data Science
- DATA 220G - Data Analysis with R
- DATA 225G - Analytics Capstone
- MATH 235G* - Statistics for Engineers & Scientists
- MATH 245G - Linear Algebra
- MATH 250G - Calculus II

GENERAL EDUCATION CURRICULUM:

- FYE 101G - First Year Seminar
- CIS 112G - Intro to Object Oriented Programming
- CIS 113G - Database Design & Management
- ENGL 110G /111G - College Composition I / with Lab
- ENGL 215G - Writing Technical Documents
- MATH 210G - Pre-Calculus
- MATH 230G - Calculus I
- SOC 120G - Society & Technological Change
- Lab Science Elective **
- Foreign Lang./Humanities/Fine Arts Elective***

*IF MATH 150G/152G is needed, students should take the course in the summer prior to first semester

**Choose from BIOL 106G, 150G, 108G, 109G, 110G, 120G, 160G, 210G, BTEC105G, CHEM110G, 115G, 116G, PHYS135G, 136G, 290G, 295G

***Choose from ARTS 123G, 125G, 127G or 137G. ARTS 125G Visual Language is preferred

Courses are subject to change. Please refer to Catalog for suggested pathway.

Revised 4/23/2025



CHOOSE COMMUNITY

WHY GREAT BAY?

- 60+ Degree/Certificate Programs
- Small class sizes (avg 15:1 student/faculty ratio)
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- Transfer to 4-year or direct to career after graduation
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Want to find out more? Click the QR code to visit the Great Bay Admissions webpage, where you can learn how to apply, explore all our academic programs, take a virtual campus tour, or sign up for an open house or information session.

Ready to Take the Next Step?

Contact Admissions at (603) 427-7632 or gbadmissions@ccsnh.edu

